Reference counted variables

Rc variables

A structure that can hold multiple references to a variable

Rc variables

A structure that can hold multiple references to a variable

Can be shared in different places

Rc variables

A structure that can hold multiple references to a variable

Can be shared in different places

```
use std::rc::Rc;
fn do_smth(var: Rc<String>) ...
```

Rc variables

A structure that can hold multiple references to a variable

Can be shared in different places

```
use std::rc::Rc;
fn do_smth(var: Rc<String>) ...
```

```
let var = Rc::new(String::from(“test”));
```

Rc variables

A structure that can hold multiple references to a variable

Can be shared in different places

```
use std::rc::Rc;
fn do_smth(var: Rc<String>) ...
```

```
let var = Rc::new(String::from("test"));
```

```
var.clone()
```

Rc variables

A structure that can hold multiple references to a variable

Can be shared in different places

```
use std::rc::Rc;
fn do_smth(var: Rc<String>) ...
```

```
let var = Rc::new(String::from(“test”));
```

```
var.clone()
```

Count the variable pointers

Rc variables

A structure that can hold multiple references to a variable

Can be shared in different places

```
use std::rc::Rc;
fn do_smth(var: Rc<String>) ...
```

```
let var = Rc::new(String::from("test"));
```

```
var.clone()
```

Count the variable pointers

```
Rc::strong_count(&var)
```